DYNEX™

19" and 22" LCD TV/DVD Combos

DX-19LD150A11
DX-22LD150A11

USER GUIDE

Dynex DX-19LD150A11/DX22LD150A11 19" and 22" LCD TV/DVD Combos

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CHILD SAFETY

It makes a difference how and where you use your flat panel display

As you enjoy your new product, keep these safety tips in mind

The issue

The home theater entertainment experience is a growing trend, and larger TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making home entertainment enjoyable and safe.

TVs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.

Tune into safety

- One size of TV stand does not fit all. Use only a TV stand rated for the weight of your TV.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children climb on or play with entertainment system furniture and TVs.
- Don't place TVs on furniture that can easily be used as steps, such as a crate or chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" TV. Make sure that you place or install the TV where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.

Wall mounting

If you decide to wall mount your TV, always:

- Use only a wall mount rated for the weight of your TV and that has been recommended by this TV manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your TV. One size of wall mount does not fit all.
- Follow all instructions supplied by the TV and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your TV, get help from a professional installer.
- Make sure that the wall where you are mounting the TV is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.

CEA
Consumer Electronics Association

- TVs can be heavy. At least two people are required for safe wall mount installation.

Important safety instructions

CAUTION

RISK OF ELECTRIC SHOCK

DO NOT OPEN

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your TV/DVD combo. This label is located on the back of your TV/DVD combo.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your TV/DVD combo.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The wall plug is the disconnecting device. The plug must remain readily operable.
16. An apparatus with a three-prong, grounding-type plug is a Class I apparatus, which needs to be grounded to prevent possible electric shock. Make sure that you connect this Class I television to a grounding-type, three-prong outlet.
17. Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.
18. The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.

Warnings

Electric shock hazard

To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

Power lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Handling the LCD panel

- Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

Safety check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV/DVD combo is in correct operating condition.

Power source

Operate your TV/DVD combo only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

Cautions

Damage requiring service

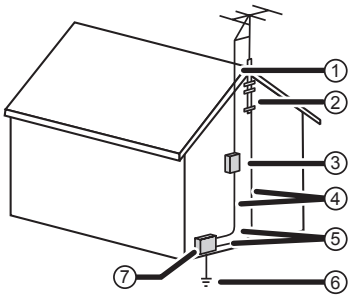
Unplug this TV/DVD combo from the power outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into your TV/DVD combo.

- If your TV/DVD combo has been exposed to rain or water.
- If your TV/DVD combo does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV/DVD combo to its normal operation.
- If your TV/DVD combo has been dropped or damaged in any way.
- When your TV/DVD combo exhibits a distinct change in performance.

Outdoor antenna grounding

If an outside antenna or cable system is connected to your TV/DVD combo, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



1	Antenna lead-in wire
2	Grounding clamp
3	Antenna discharge unit
4	Grounding conductors
5	Ground clamps
6	Power service grounding electrode system
7	Electric service equipment

Note to CATV system installer

Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

Condensation

Moisture will form on the TV/DVD combo if it is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV/DVD combo's performance may be impaired. To prevent this, let the TV/DVD combo stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually.

Condensation may also form during the summer if the TV/DVD combo is exposed to the breeze from an air conditioner. In such cases, change the location of the TV/DVD combo.

Mobile telephone warning

To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV/DVD combo.

End of life directives

Your TV/DVD combo contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. Your TV/DVD combo also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at www.eia.org to find a recycler in your area.

Non-active pixels

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV/DVD combo, and are not considered defects.

Installing and removing the stand

If you plan to use your TV/DVD combo in an upright position on a flat surface, you must install your TV/DVD combo into the stand. If you intend to mount your TV/DVD combo on a wall or other vertical surface, you must remove the stand.

***Warning**: Before attempting assembly or removal of the stand, unplug the AC power cord.*

***Cautions**:*

Read these instructions thoroughly before attempting this installation.

Make sure that you handle your TV/DVD combo very carefully when attempting assembly or removal of the stand. If you are not sure of your ability to do this, or to use the tools necessary to complete this job, refer to a professional installer or service personnel. The manufacturer is not responsible for any damages or injuries that occur due to mishandling or improper assembly.

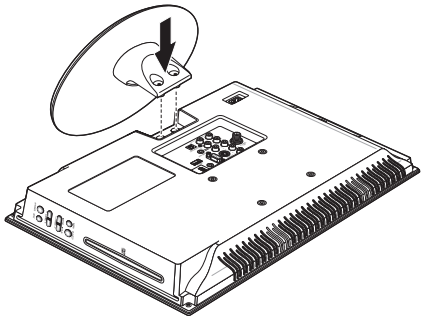
When using a table or bench as an aid to assembly, make sure that you place the TV/DVD combo on a soft cushion or covering to prevent accidental scratching or damage to your TV/DVD combo's finish.

Installing the stand

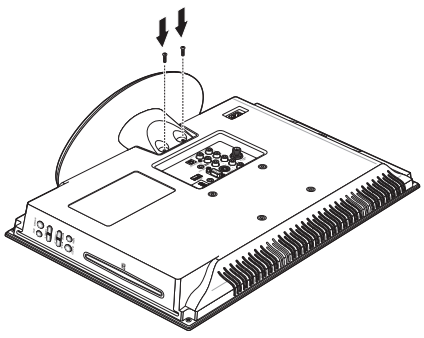
You need to install the stand to use the TV/DVD combo in the upright position on a flat surface.

To install the stand:

1. Remove the stand from the box and place it on a table or bench.
2. Lay a soft, dry and lint-free cloth on a table and place the TV face down on the cloth so that your TV/DVD combo is not scratched. Align the bottom side of the TV/DVD combo with one edge of the table.



3. Align the screw holes on the stand with the holes on the bottom edge of the TV/DVD combo.
4. Secure the stand with the two M4 x L18 mm screws provided.



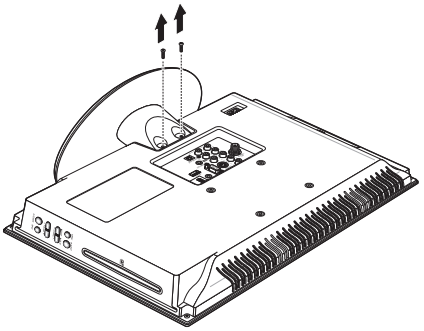
5. Place your TV/DVD combo in an upright position on a flat surface.

Removing the stand

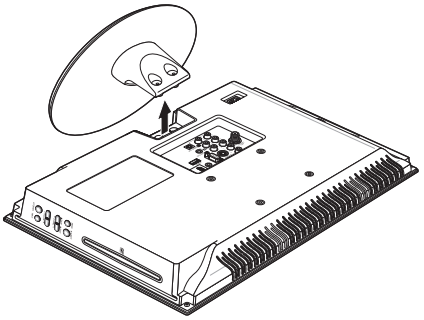
If you want to wall-mount the TV/DVD combo, you will need to remove the stand.

To remove the stand:

1. Lay a soft, dry and lint-free cloth on a table and place the TV face down on the cloth with the stand projecting over the edge, so that your TV/DVD combo is not scratched.



2. Remove the two M4 x L18 mm screws securing the stand to the TV/DVD combo, then remove the stand.

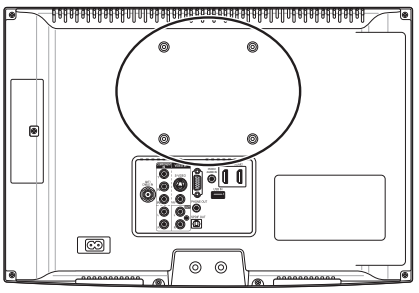


Installing a wall-mount bracket

If you want to attach the TV/DVD combo to a wall-mount bracket (not provided), you should first remove the stand. See "Removing the stand" above.

To attach your TV/DVD combo to a wall-mount bracket:

1. Remove the two screws holding the TV/DVD combo to its base, as described above.
2. Secure the wall-mount bracket to the back of your TV/DVD combo using the four screws provided with the bracket.

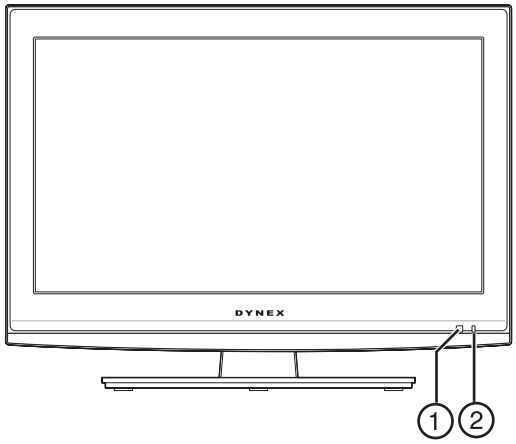


TV/DVD combo components

Accessories

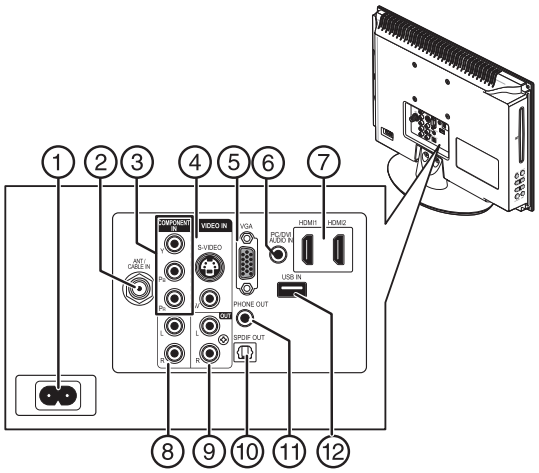
- Power cord
- TV stand and screws
- Remote control
- Remote control batteries (2 AAA)
- Component video cable
- Audio cable
- *Quick Setup Guide*

Front



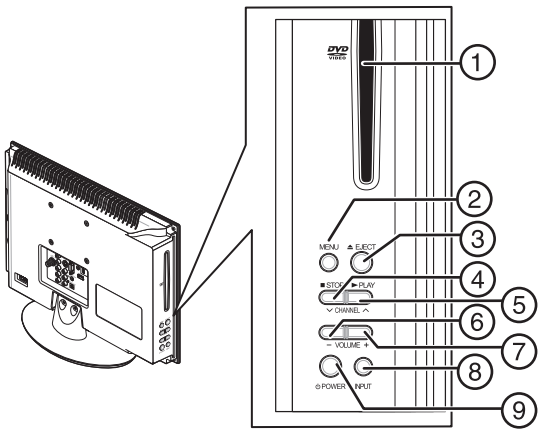
#	Component	Description
1	Remote sensor	Receives signals from the remote control. Do not block.
2	Power indicator	Lights blue when your TV/DVD combo is turned on. Lights red when your TV/DVD combo is in standby mode. No light when the power cord is unplugged. For more information, see "Turning your TV/DVD combo on or off" on page 12.

Back



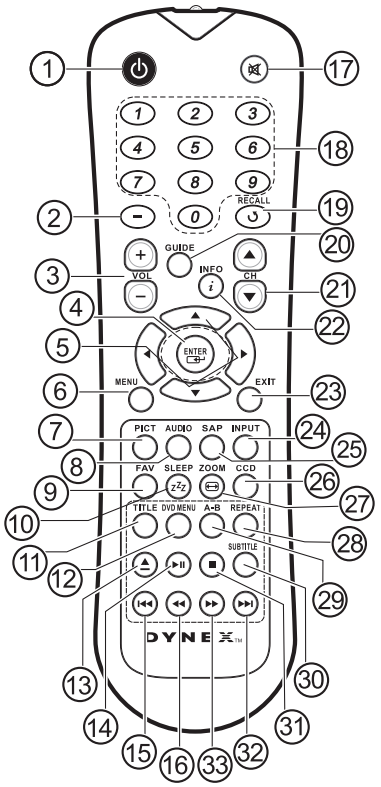
##	Component	Description
1	**AC INPUT**	Connect the power cord to this jack. ***Note**: Even when your TV/DVD combo is off, power is still flowing through it. To disconnect power, unplug the power cord.*
2	**ANT/CABLE IN** jack	Connect an antenna, cable TV, or a satellite box to this jack. For more information, see "Connecting an antenna, cable TV, or satellite TV box" on page 9.
3	**COMPONENT IN (Y, Pb,Pr)** jacks	Connect a component video device to these jacks. For more information, see "Connecting a component video device (better connection)" on page 9.
4	**VIDEO IN** (S-Video and Video) jacks	Connect the video signal from an AV device to one of these jacks. For more information, see "Connecting an S-Video device (good connection)" on page 9, or "Connecting a VCR or standard video device" on page 10.
5	**VGA** jack	Connect the video signal from a computer to this jack. For more information, see "Connecting a computer" on page 10.
6	**PC/DVI AUDIO IN** jack	Connect the audio signal from a computer or a DVI device to this jack. For more information, see "Connecting a computer" on page 10, or "Connecting an HDMI or DVI device (best picture) on page 9.
7	**HDMI1 / HDMI2** jacks	Connect an HDMI device, such as a cable box or DVD player, to this jack. An HDMI cable carries both video and audio, so you do not need to make an audio connection. For more information, see "Connecting an HDMI or DVI device (best picture)" on page 9.
8	**COMPONENT/ S-VIDEO/AV IN** (L/R Audio) jacks	Connect the audio signals from a component, S-Video, or composite device to these jacks.
9	**AUDIO L/R OUT** jacks	Connect an analog sound system, such as an analog audio amplifier, to these jacks. See "Connecting a digital audio amplifier" on page 11.
10	**SPDIF OUT** jack	Connect a digital sound system, such as a digital audio amplifier, to this jack. See "Connecting a digital audio amplifier" on page 11.
11	**PHONE OUT** jack	Connect a headphone to this jack.
12	**USB IN**	Plug a USB device, such as a flashdrive, into this jack. See "Viewing photos" on page 29.

Side



#	Component	Description
1	Disc slot	Insert a disc (DVD or CD) into this slot to change mode and begin playback.
2	**MENU**	Press to open the on-screen TV menu.
3	⏏ **EJECT** button	Press to eject the disc in the disc slot.
4	■ **STOP/ CH ▲** button	In DVD mode, press to stop playback. In TV mode, press to go to the next channel in the channel list.
5	► **PLAY/ CH ▼** button	In DVD mode, press to begin or resume playback. In TV mode, press to go to the previous channel in the channel list.
6	**VOL–**	Press to decrease the volume.
7	**VOL+**	Press to increase the volume.
8	**INPUT**	Press to select the AV signal input. You can select **TV, A/V, Component, DVD, HDMI1, HDMI2, VGA,** or **USB**.
9	⏻ (Power) button	Press to turn your TV/DVD combo on or off (standby mode). For more information, see "Turning your TV/DVD combo on or off" on page 12. ***Note**: Even when your TV/DVD combo is off, power is still flowing through it. To disconnect power, unplug the power cord.*

Remote control



#	Button	Description
1	⏻ (Power)	Press to turn your TV/DVD combo on or off (standby mode). For more information, see "Turning your TV/DVD combo on or off" on page 12. ***Note**: Even when your TV/DVD combo is off, power is still flowing through it. To disconnect power, unplug the power cord.*
2	(–) dash	Press to select a digital sub-channel. For more information, see "Selecting a channel" on page 12.
3	**VOL+/VOL–**	Press to increase or decrease the volume.
4	**ENTER**	Press to confirm selections in an on-screen menu or to open a submenu.
5	▲ ▼ ► ◄	Press direction buttons to navigate in the on-screen menus and adjust settings.
6	**MENU**	Press to open the on-screen menu.
7	**PICT**	Press to select a preset picture mode. You can select **Energy Savings, Custom, Vivid, Standard, Sports,** or **Theater.**
8	**AUDIO**	Press to select a preset audio equalizer (EQ) mode. "Adjusting the sound" on page 16.
9	**FAV**	Press to open your Favorite list. For more information, see "Viewing a favorite channel" on page 18.
10	**SLEEP**	Press to set the sleep timer. For more information, see "Setting the sleep timer" on page 26.
11	**TITLE** (DVD)	Press to open a DVD title menu, if available. See "Using the DVD player" on page 28.
12	**DVD MENU**	Press to open a DVD menu, if available. For more information, see "Using the DVD player" on page 28.
13	⏏ (Eject) button	Press to eject the disc in the disc slot.

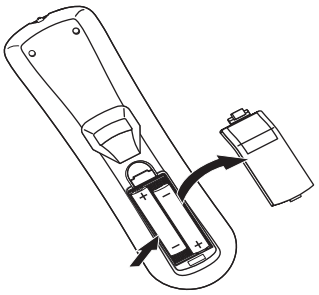
#	Button	Description
14	▶❙❙ (Play/Pause)	Press once to begin playback. Press again to pause playback. Press once more to resume playback.
15	❙◀◀ (Prev) button	Press to skip to the previous chapter or track. See "Using the DVD player" on page 28.
16	◀◀ (Fast Rev)	Press to fast-reverse a DVD or CD.
17	(Mute)	Press to turn off the sound. Press again to turn on the sound.
18	Numbers	Press to enter channel numbers or the parental control password.
19	**RECALL**	Press to go to the last viewed channel.
20	**GUIDE**	Press to display the digital TV electronic program guide. For more information, see "Displaying program information" on page 13.
21	**CH ▲ /CH ▼**	Press to go to the next or previous channel in the channel list. For more information, see "Selecting a channel" on page 12.
22	**INFO**	Press to display the information banner. For more information, see "Displaying program information" on page 13.
23	**EXIT**	Press to close the on-screen menu.
24	**INPUT**	Press to select the AV signal input. You can select **TV, A/V, Component, DVD, HDMI1, HDMI2, VGA,** or **USB**. For more information, see "Selecting the video input source" on page 12.
25	**SAP**	Press to select the audio mode. For analog channels, you can select **STEREO**, **SAP** (secondary audio program), or **MONO**. For digital channels, you can select the audio track (if more than one track is available). For more information, see "Adjusting the sound" on page 15.
26	**CCD**	Press to select a closed captioning mode. For more information, see "Selecting the closed captioning mode" on page 23.
27	**ZOOM**	Press to select the TV screen aspect ratio. You can select **Normal, Zoom, Wide, Cinema, Panorama,** or **Auto** (TV mode only).
28	**REPEAT**	Press to select **REPEAT** mode. You can select **Chapter, Title, All,** or **Off** modes. For more information, see "Using the DVD player" on page 28.
29	**A-B**	Press to create a playback loop for a disc. For more information, see "Using the DVD player" on page 28.
30	**SUBTITLE**	Press to change the subtitle language. For more information, see "Using the DVD player" on page 28.
31	■ (Stop)	Press to stop DVD or CD playback.
32	▶▶❙ (Next)	Press to skip to the next chapter or track. See "Using the DVD player" on page 28.
33	▶▶ (Fast Fwd)	Press to fast-forward a DVD or CD.

Using the remote control

Installing remote control batteries

To install remote control batteries:

1. Open the battery compartment cover by lifting it off when you press the release button.
2. Insert two AAA batteries into the battery compartment. Make sure that the + and – symbols on the batteries match the + and – symbols in the battery compartment.



3. Replace the cover.

Notes:

Do not mix different types of batteries.

Do not mix old and new batteries.

Remove batteries when they no longer have a charge. Chemicals may leak into the battery compartment. Battery chemicals can cause a rash. If chemicals leak, clean the battery compartment with a cloth.

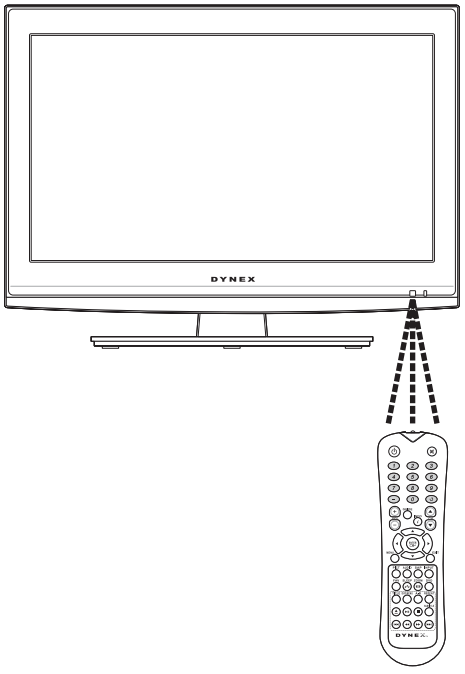
Remove the batteries if you do not intend to use the remote control for an extended amount of time.

Do not dispose of batteries in a fire. Dispose of them as hazardous waste.

Aiming the remote control

To use the remote control:

- Point the remote control towards the remote sensor on the front of your TV/DVD combo.



Notes:

Do not expose the remote control to shock or liquids.

Do not use the remote control in an area with high humidity.

Do not place the remote control in direct sunlight.

Do not place objects, such as furniture, between the remote control and the remote sensor.

The remote control may not work if direct sunlight or bright light shines on the remote sensor. Either move your TV/DVD combo or change the angle at which you use the remote control.

Programming a universal remote control

You can operate your TV/DVD combo with a new or existing universal remote control.

To program your existing universal remote control:

1. To program your existing remote control to work with your Dynex TV/DVD combo, see the table below for common codes. If you have problems programming your remote, or need a different remote control code, visit www.dynexproducts.com for the latest remote control code information.

Dynex TV codes for universal remote controls (for all Dynex TVs manufactured after Jan. 1, 2007)				
Universal remote control manufacturer and model				
Philips PHDVD5, PH5DSS, PMDVR8, PDVR8	RCA RCU807	One for All URC-6690	Sony RM-VL600	
115	**135**	**0464**	**8043**	
Set-top box manufacturer and model				
Comcast M1057	Dish Network VIP508, VIP622	Motorola DRC800	TIVO Series 3, HD	DirectTV RC23
0463	**720**	**0463**	**0091**	**10463**

Codes for other remote controls are available online at: http://www.dynexproducts.com

Tips:

- *The brand name is often visible on the front of the universal remote control, and the model number is often visible on the back.*
- *The codes shown above are common codes, but are subject to change. Please refer to Dynexproducts.com for the most up to date codes.*
- *If your universal remote control isn't listed on the chart, refer to your universal remote control's instructions and try codes for the brands Orion, Emerson, Memorex, Sansui, Sylvania, or Zenith. You may need to try several codes before finding a match.*

2. Follow your universal remote control's instructions to enter the code you found in Step 1.

Tips:

- *If your universal remote control has a code search feature, run a code search to identify a code that matches your TV/DVD combo. See your universal remote control's instructions for details.*
- *If your universal remote control has a "Learn" feature, you can manually program it using your TV/DVD combo remote to "teach" the commands one at a time. See your universal remote control's instructions for details.*

3. If all else fails, you must use a different universal remote control that can operate both your set-top box and your TV/DVD combo. Five such remotes are listed on the chart, but many other compatible models are available in the market.

   For more help, call technical support for your universal remote control or set-top box manufacturer, or call the Dynex Customer Care Center:

   US & Canada Market- 1-800-305-2204
   Mexico Market- 01 800 - 926 - 3020

Making connections

Before you make any connections:

- Check the plugs on the ends of cables to make sure that they are the correct type before you try plugging them into jacks on the TV/DVD combo.
- Make sure that all plugs are securely inserted into the jacks. Loose connections can result in image or color problems.
- When connecting devices to the TV/DVD combo, make sure that the TV/DVD combo and the device are turned off and that the power cords are unplugged.

Selecting a location

You should select a location for the TV/DVD combo:

- Where direct light does not reflect on the screen
- That has indirect and soft lighting
- Where the TV/DVD combo has access to an antenna or cable TV connection
- Where the TV/DVD combo has access to a power outlet

Note: *Watching TV in total darkness or with a reflection on the screen may cause eye strain.*

Connecting the power

To connect the power:

- Plug the AC cord into the **AC IN** jack on the back of your TV/DVD combo, then plug the other end into an AC power outlet.

Notes:

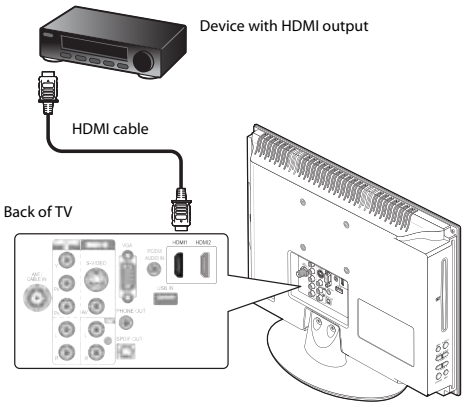
- *The AC plug on the TV/DVD combo may be different from the one shown.*
- *Make sure that you only use the type of power source indicated on the marking label.*
- *Always unplug the power cord when not using the TV/DVD combo for a long period of time.*

Connecting an HDMI or DVI device (best picture)

Note: *If your device has an HDMI connection, we recommend you use that to get the best quality possible.*

To connect an HDMI device:

- Connect one end of an HDMI cable (not included) to the **HDMI1** or **HDMI2** jack on the back of your TV/DVD combo, then connect the other end of the cable to the **HDMI OUT** jack on the HDMI device..



To play from the HDMI device:

1. Turn on your TV/DVD combo, then press **INPUT**. The *Source List* menu opens.
2. Press **INPUT** repeatedly or press ▲ or ▼ to select **HDMI1** or **HDMI2**, then press **ENTER**.
3. Turn on the HDMI device, and set it to the correct output mode. See the HDMI device's user guide for more information.

Note: *If the external device has DVI output only, use a DVI-to-HDMI adapter to connect to the **HDMI** jack, then connect an audio cable to the **VGA/DVI AUDIO IN** jack.*

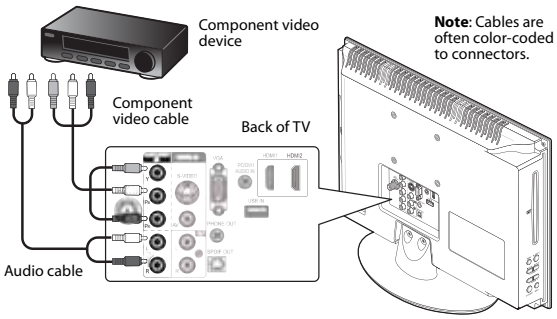
Connecting a component video device (better connection)

Component cables often have red, green, and blue color-coded video connectors and red and white audio connectors. Match the colors when making connections.

A component (Y,Pb,Pr) picture can only be displayed when a 640 x 480, 480p, 720p, or 1080i signal is received.

To connect a component video device:

1. Make sure that your TV/DVD combo's power cord is unplugged and the component video device is turned off.
2. Connect a component video cable to the **COMPONENT OUT** jacks on the component video device.



3. Connect the other end of the component video cable to the **COMPONENT IN (Y,PB,PR)** jacks on the back of your TV/DVD combo.
4. Connect an audio cable to the **AUDIO OUT** jacks (L/R) on the component device.
5. Connect the other end of the audio cable to the **COMPONENT IN** (audio) **L/R** jacks on the back of your TV/DVD combo.

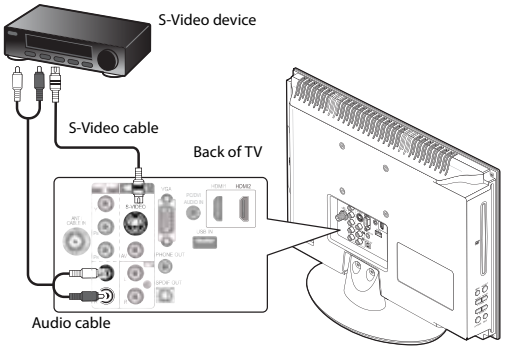
To play from a component device:

1. Turn on your TV/DVD combo, then press **INPUT**. The *Source List* menu opens.
2. Press **INPUT** repeatedly or press ▲ or ▼ to select **Component**, then press **ENTER**.
3. Turn on the component video device and set it to the correct output mode. See the component video device's user guide for more information.

Connecting an S-Video device (good connection)

To connect an S-Video device:

1. Make sure that your TV/DVD combo's power cord is unplugged and the device is turned off.
2. Connect an S-Video cable to the **S-VIDEO OUT** jack on the device.



3. Connect the other end of the cable to the **VIDEO IN S-VIDEO** jack on the back of your TV/DVD combo.
4. Connect an audio cable to the **AV AUDIO OUT** jacks on the device.
5. Connect the other end of the cable to the **VIDEO IN L/R** (audio) jacks on the back of your TV/DVD combo.

To play from the device:

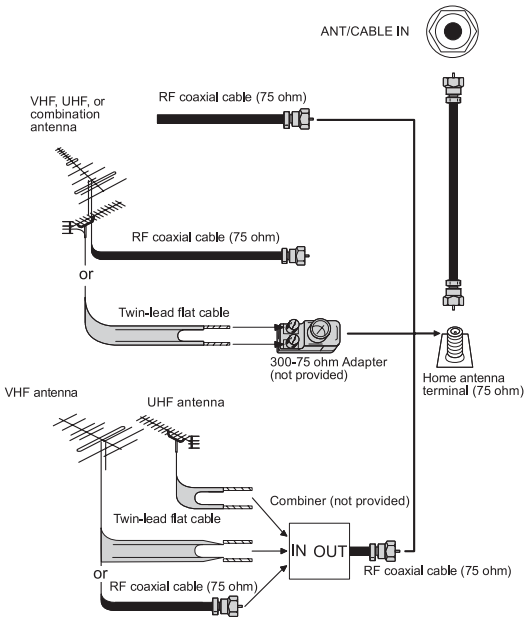
1. Turn on your TV/DVD combo, then press **INPUT**. The *Source List* menu opens.
2. Press **INPUT** repeatedly or press ▲ or ▼ to select **A/V**, then press **ENTER**.
3. Turn on the device, insert a disc or tape, then press **PLAY**.

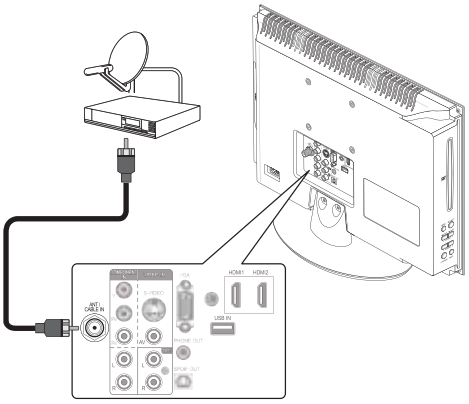
Connecting an antenna, cable TV, or satellite TV box

- If you are connecting a satellite TV or cable box, you can use one of the following (if available):
  - Best - HDMI cable
  - Better - Video component cables
  - Better - S-Video cable
  - Good - Video composite cable
  - Acceptable - 75-ohm coaxial cable.

To connect an antenna, cable TV, or satellite TV box:

1 Connect one end of a 75-Ohm, coaxial cable to the **ANT/CABLE IN** jack on the back of the TV/DVD combo, then connect the other end of the cable to the antenna or cable TV wall jack.





2 Turn on your TV/DVD combo.

3 Press **INPUT** on the remote control or the side of your TV/DVD combo to display the input source menu.

4 Press **INPUT** repeatedly or press ▲ or ▼ to select **TV**, then press **ENTER**.

Caution:

The antenna connector should only be finger-tightened. Do not tighten this connector with any tool or you may damage your TV/DVD combo

Notes:

Use a 75 ohm cable to eliminate interference and noise from radio waves.

Do not bundle the 75 ohm cable with the power cord or other cables.

If the antenna is not installed correctly, contact qualified service personnel to correct the problem.

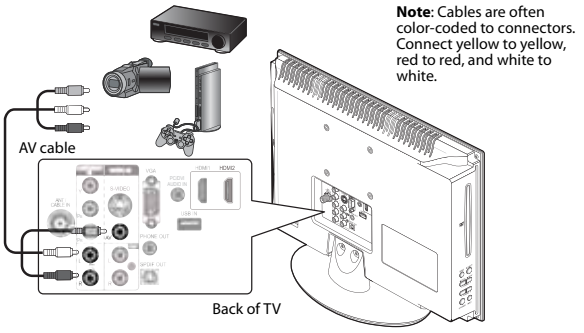
Connecting a VCR or standard video device

Note: *If the VCR has an HDMI jack (best), component jacks (better), or an S-Video jack (good), connect the VCR using the best available connection.*

To connect a VCR or standard video device:

1 Make sure that your TV/DVD combo's power cord is unplugged and the VCR is turned off.

2 Connect an AV cable to the **AV OUTPUT** jacks on the VCR.



3 Connect the other end of the cable to the **VIDEO IN** (**AV** and **L/R** audio) jacks on the back of your TV/DVD combo.

To play from the VCR:

1 Turn on your TV/DVD combo, then press **INPUT**. The *Source List* menu opens.

2 Press **INPUT** repeatedly or press ▲ or ▼ to select **AV**, then press **ENTER**.

3 Turn on the VCR or standard video device, insert media, then press **PLAY**.

Connecting a computer

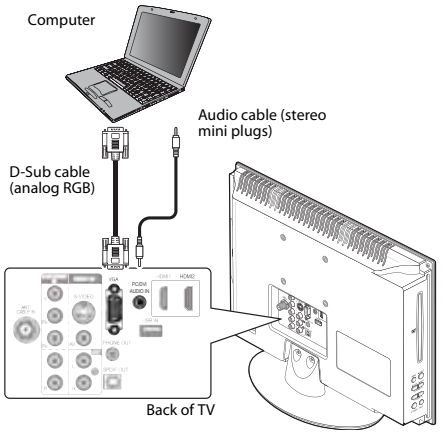
Tip: *Some computers have an HDMI connector, which can be used for a better picture.*

To connect a computer:

1 Make sure that your TV/DVD combo's power cord is unplugged and the computer is turned off.

2 Connect a VGA cable to the **VGA** jack on the computer, then connect the other end of the cable to the **VGA** jack on the back of your TV/DVD combo.

Note: *The VGA cable should be a 15-pin D-Sub (analog RGB) cable.*



3 Connect an audio cable to the **AUDIO OUT** jack on the computer, then connect the other end of the cable to the **VGA/DVI AUDIO IN** jack on the back of your TV/DVD combo.

Note: *The audio cable should have a stereo mini plug.*

To play video from a computer:

1 Turn on your TV/DVD combo, then press **INPUT**. The *Source List* menu opens.

2 Press **INPUT** repeatedly or press ▲ or ▼ to select **VGA**, then press **ENTER**.

3 Turn on the computer, then adjust the display properties, if necessary.

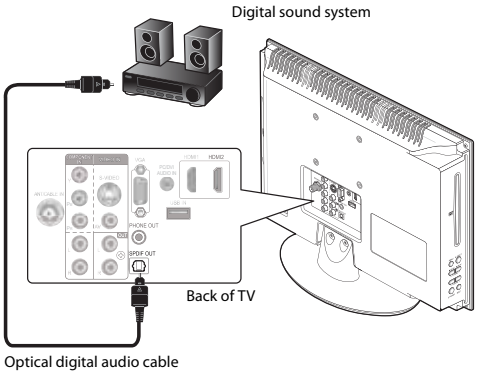
Connecting a digital audio amplifier

You can connect your TV/DVD combo's audio output to a audio amplifier, a digital amplifier, or a home theater system.

To connect an audio receiver or digital sound system:

1 Make sure that your TV/DVD combo's power cord is unplugged and the audio device is turned off.

2 Plug a optical coaxial cable into the **SPDIF OUT** jack on the back of your TV/DVD combo, then plug it into the optical coaxial input jack on your digital sound system or home theater system.



Note*: The SPDIF OUT jack only works with digital sources.*

Connecting headphones

Warning: *When using headphones, adjust the headphone volume to avoid excessively loud volume which can damage your hearing.*

To connect headphones:

- Plug the headphones (not included) into the **PHONE OUT** jack on the back of your TV/DVD combo.

Turning on your TV/DVD combo for the first time

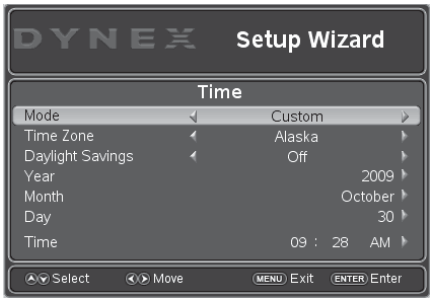
The first time you turn on your TV/DVD combo, the Setup Wizard opens. The Setup Wizard guides you through setting up basic settings including the menu language, time mode, picture mode, and TV signal source.

To configure your TV/DVD combo:

1 Make sure that you have inserted the batteries in the remote control, connected your antenna and devices to the TV/DVD combo, and connected the AC power.

2 Press ⏻ (Power), then wait several seconds. The power LED on the front panel lights blue and the initial *Setup Wizard* opens (only the first time you turn on your TV/DVD combo) to the *Choose your menu language* screen.

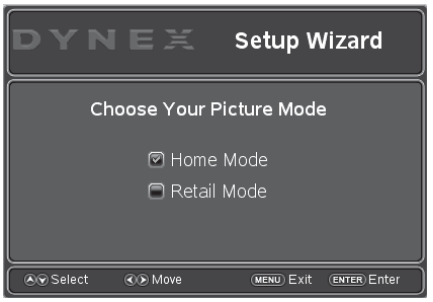
3 Press ▲ or ▼ to select **English, French**, or **Spanish**, then press **ENTER** to confirm. The *Time* screen opens with **Mode** highlighted.



4 Press ▲ or ▼ to highlight an option, then press ◄ or ► to adjust the option. You can select:

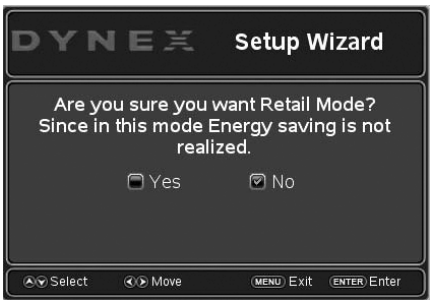
- **Mode**—You can select **Auto** or **Custom** time mode. If you select **Auto**, the date and time are set based on a time signal received from a DTV channel. If you select **Custom**, you can adjust the date and time.
- **Time Zone**—You can select **Pacific, Alaska, Hawaii, Atlantic, Eastern, Central,** or **Mountain**.
- **DST** (Daylight Savings)—You can select **On** or **Off**.
- **Year**—Press ◄ or ► to select the current year.
- **Month**—Press ◄ or ► to select the current month.
- **Day**—Press ◄ or ► to select the current day.
- **Time**—When **Time** is highlighted, press **ENTER** or ► . Press ◄ or ► to move the cursor from field to field, then press ▲ or ▼ to change the value in the field.

Press **ENTER** when your settings are entered. The *Choose your Picture Mode* screen opens.



5 Press ▲ or ▼ to select **Home mode** or **Retail mode**, then press **ENTER** to confirm.

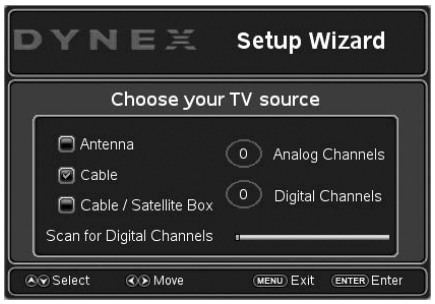
If you chose **Home mode** (default - has the same settings as the **Energy Saving** picture mode), the *Choose your TV source* screen opens. If you chose **Retail mode** (has the same settings as the **Vivid** picture mode), you will be asked whether you really want this mode, because no energy savings will be realized with your TV/DVD combo in this mode.



If you select **No**, press **ENTER**. The *Choose your TV Picture Mode* screen reopens. Go back to Step 5.

- OR -

If you select **Yes**, press **ENTER**. The *Choose your TV source* screen opens.



6 Press ▲ or ▼ to select **Antenna**, **Cable**, or **Cable/Satellite Box**, depending on the type of connection you have, then press **ENTER**.

- If you are using an antenna for a standard or HD TV signal, select **Antenna**.
- If your cable is connected directly to the TV/DVD combo (without a tuner box), select **Cable**.
- If your cable is connected to your TV/DVD combo through a tuner box, select **Cable/Satellite Box**.

If you selected **Antenna** or **Cable**, your TV/DVD combo automatically scans for available channels in your area and stores the channel information in the channel list. This may take several minutes. While scanning, the TV/DVD combo displays a progress report.

– OR –

If you selected **Cable/Satellite Box**, the auto scan is not necessary and will not appear.

***Note**: During auto scan, digital programs will be scanned first, then analog programs. When all available digital programs have been searched, the screen will ask you to "Press **EXIT** if you don't need analog channel scan." At this point you can press **EXIT** to exit the analog channel scan, or just ignore it and the TV/DVD combo will go on scanning.*

*You can press **EXIT** at any time to stop the auto scan, but you will need to run the auto scan again to create a channel list.*

7 Select the corresponding video input source through the *INPUT SOURCE* menu.

***Note:** You can change the menu language or scan for channels at a later date. For more information, see "Selecting the menu language and transparency" on page 26 or "Automatically searching for TV channels" on page 17.*

Understanding the basics

Turning your TV/DVD combo on or off

To turn your TV/DVD combo on or off (standby mode):

1 Plug the power cord into an AC power outlet.

2 Press ⏻ (power). Your TV/DVD combo turns on.

3 Press ⏻ again to turn off your TV/DVD combo. When you turn off your TV/DVD combo, it goes into standby mode.

***Warning:** When your TV/DVD combo is in standby mode, it is still receiving power. To completely disconnect power, unplug the power cord.*

***Note**: If your TV/DVD combo is connected to a computer and the TV/DVD combo receives no VGA signal, the TV/DVD combo will enter DPMS (Display Power Management System) mode automatically. You can press ⏻ (Power) to wake up your TV/DVD combo.*

Selecting the video input source

To select the video input source:

1 Turn on your TV/DVD combo, then press the **INPUT** key on the remote, or the **INPUT** button on the side of your TV/DVD combo. The *INPUT SOURCE* menu opens.

2 Press INPUT repeatedly or press ▲ or ▼ to highlight the video source, then press **ENTER**.

Selecting a channel

To select a channel:

- Press **CH**▲ or **CH**▼ to go to the next or previous channel on the memorized channel list.
- Press the number buttons to enter the analog or digital (main) channel number you want, then wait for the channel to change, or press **ENTER** to change the channel immediately.
  - To select a digital sub-channel, press the number buttons to select the main digital channel, then press the dash (**–**) button to select the sub-channel. Wait for the channel to change, or press **ENTER** to change the channel immediately.

***Note:** Button presses must be within three seconds of each other.*

- Press **RECALL** to go to the last channel viewed. Press **RECALL** again to return to the channel you were watching.

Adjusting the volume

To adjust the volume:

- Press **VOL+** or **VOL–** to increase or decrease the volume.
- Press 🔇 **MUTE** to temporarily turn off all sound. Press 🔇 **MUTE** again to restore the sound.

Displaying program information

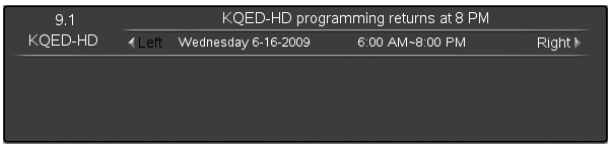
To display program information:

1 Press **INFO** to show an information banner. The information banner shows current program information such as channel number, video input source, and resolution.

- **Digital signal information**—Displays channel number, station name, channel label (if present), broadcast program name, TV rating, signal type, audio information, resolution, CC mode, current time, and current program start and end times when watching a digital channel.

- **Analog signal information**—Displays channel number, channel label (if preset), signal type, audio information, and resolution when watching an analog channel.

2 Press **GUIDE** to show the digital program guide, which may show a list of available programs, program times, and program summaries, depending on the information provided by the broadcaster..



On-screen menu overview

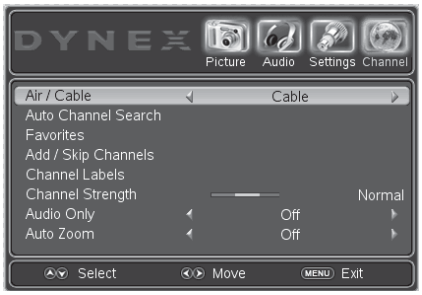
Use the on-screen menu to configure the various operational settings of the TV. To access the menu, press **MENU**. The menus are shown below.

Picture menu

Audio menu

Setup menu

Channel menu



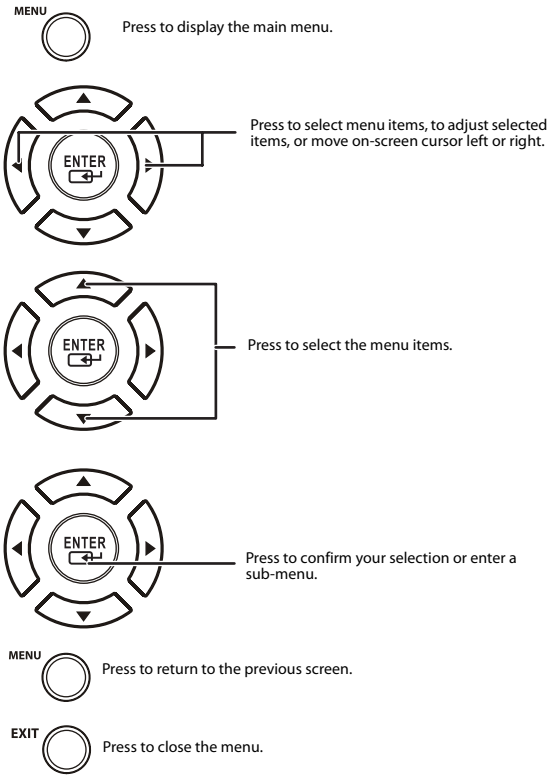
Notes:

Depending on the signal source selected, you may see different options on your screen. The above menus are shown in TV mode.

Menu items that are not selectable are grayed out. Menus in this manual are described in TV mode, unless otherwise indicated.

The illustrations and screens shown in the manual are for explanation purposes and may vary from the actual screens on your TV/DVD combo.

Navigating the menus


MENU
Press to display the main menu.
ENTER
Press to select menu items, to adjust selected items, or move on-screen cursor left or right.
ENTER
Press to select the menu items.
ENTER
Press to confirm your selection or enter a sub-menu.
MENU
Press to return to the previous screen.
EXIT
Press to close the menu.

Adjusting the picture

Adjusting the picture

To adjust the picture:

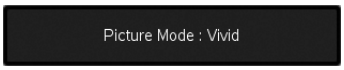
1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ▲ or ▼ to highlight an option, then press ◄ or ► to adjust the option. You can select:

- **Mode**—Selects the picture mode. You can select:
  - **Vivid**—a bright and vivid picture
  - **Standard**—a standard picture
  - **Theater**—a finely detailed picture
  - **Sports**—a dynamic picture
  - **Energy Savings**—brightness and backlight levels are reduced for energy savings
  - **Custom**—customized picture
- **Brightness**—Adjusts the brightness.
- **Contrast**—Adjusts the contrast.
- **Color**—Adjusts the color saturation.
- **Tint**—Adjusts the image tint.
- **Sharpness**—Adjusts the sharpness.

***Note**: If you try to adjust **Brightness, Contrast, Color, Tint,** or **Sharpness**, your TV/DVD combo automatically changes the **Mode** to **Custom**.*

***Note**: You can also set the picture mode using the remote control. Press **PICT** repeatedly to cycle through the available options. The display changes as you go through the options, as indicated in the popup screen.*



3 Press ▲ or ▼ to highlight **Advanced Video**, then press ◄ or ► to adjust the option. You can select:

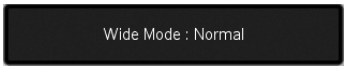
- **Backlight**—Different viewing conditions can affect the quality of the display. Adjust the LCD backlight to suit the current viewing conditions.
- **Aspect Ratio**—Select this item to change the display format. This menu can also be accessed by pressing **ZOOM** on the remote control. Refer to the "Changing the display format" section on page 13.
- **Overscan**—This feature extends part of the display past the visible area of the screen. The resulting picture will "zoom in" on the image center.
- **Color Temperature**—Color temperature refers to the level of white balance in the display. Options include:
  - **Cool**—Pictures appear with a bluish tint.
  - **Normal**—Pictures appear more white.
  - **Warm**—Pictures appear more reddish.
- **Noise Reduction**—This feature improves picture quality by filtering out unusable data ("noise") from video signals.
- **Adaptive Contrast**—Enhances contrast between the light and dark areas of the picture. This feature enables automatic contrast adjustment, based on the picture brightness.
- **DCR**—When enabled, this feature automatically adjusts the backlight level based on the dark areas of the picture.

4 Press **MENU** to close the on-screen menu.

Changing the display size

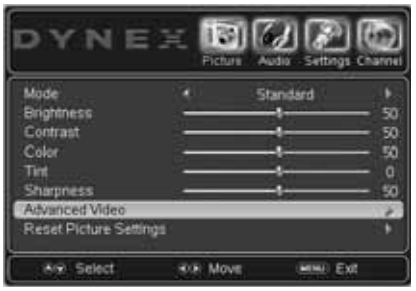
To change the display size using the remote control:

- Using the remote control, press **ZOOM** repeatedly to cycle through the available options. The display changes as you go through the options, as indicated in the popup screen.



To change the display size using the on-screen menus:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



2 Press ▲ or ▼ to highlight **Advanced Video**, then press **ENTER**. The *Advanced Video* submenu opens.

3 Press ▲ or ▼ to highlight **Aspect Ratio.**

4 Press ◄ or ► to select the aspect ratio you want. You can select:

- **Normal**—The picture is displayed in a 4:3 aspect ratio.
- **Zoom**—The picture is displayed to cover the entire screen.
- **Wide**—The picture uses a widescreen aspect ratio.
- **Cinema**—The picture is displayed in a 21:9 aspect ratio.

5 Press **MENU** to close the on-screen menu.

***Note**: The default aspect ratio for all input sources, excluding TV, is **Wide**. For TV, the default setting is **Normal**.*

Adjusting the computer image

To adjust the computer image:

1. Make sure that your TV/DVD combo is in VGA mode. For more information, see "Selecting the video input source"on page 12.
2. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

3. Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

4. Press ▲ or ▼ to highlight **VGA Settings**, then press **ENTER** or ►. The *VGA Settings* submenu opens.

5. Press ▲ or ▼ to highlight an option, then press ◄ or ► to adjust the option. You can adjust:
   - **Auto Adjust**—Automatically adjusts the image settings such as position and phase.
   - **H-Position**—Moves the image right or left
   - **V-Position**—Moves the image up or down
   - **Clock**—Adjusts the sample frequency
   - **Phase**—Adjusts the focus to stabilize the image
6. Press **MENU** to close the on-screen menu.

Changing the PC video resolution

To change the PC video resolution:

1. Click **Start**, **Control Panel**, then double-click **Display**. The *Display Properties* dialog box opens.

2. Click the **Settings** tab.
3. Change the screen resolution setting to a supported resolution. The ideal resolution for your TV/DVD combo is **1360×768**. Click **OK**, then click **Yes** to save your changes.

PC signal input chart

The following table shows the suggested screen resolutions.

Format	Resolution	Frequency (Hz)
VGA	640x480	60
	720x400	70
SVGA	800x600	60
	800x600	72
XGA	1024x768	60
WXGA	1280x768	60
	1360x768	60

If "Unsupported Signal" appears on the screen, adjust the PC display setting to correspond to one of the settings in the preceding table.

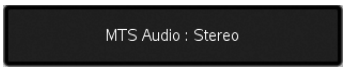
Adjusting the sound

Selecting the audio language

You can choose from one of the four preset equalizer (EQ) modes.

To choose an audio language with the remote control:

- Using the remote control, press **SAP** repeatedly to cycle through the audio stream options. The options available depend on your TV provider.
  - In analog TV mode, select one of the following options.
    - **Mono**—Select this option if there is noise or static from a weak broadcast signal.
    - **Stereo**—Select this option for programs broadcast in stereo sound.
    - **SAP**—Select this option to enable audio in an alternative language.



  - In digital TV mode, select the preferred audio track language (when available).

Adjusting the sound

To adjust the sound:

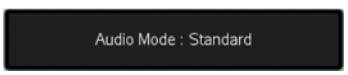
1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Audio**. The *Audio* menu opens.

3 Press ▲ or ▼ to highlight an option, then press ◄ or ► to adjust the option. You can select:

- **Mode**—Selects the EQ sound mode. You can select Standard, Music, Theater, News, or Custom.
- **Treble**—Adjusts the high sounds.
- **Bass**—Adjusts the low sounds.
- **Balance**—Adjusts the balance between the left and right audio channels.
- **Auto Volume**—Turns auto volume on or off.
- **Advanced Audio**—Opens the *Advanced Audio* submenu. Press ▲ or ▼ to select an option, then press ◄ or ► to set the option: you can select:
  - **Digital Audio / SPDIF**—Select the preferred audio format for digital audio signals. Options include **PCM** and **RAW**.
  - **Audio Language**—Select the default language track when watching digital TV programs. Options include **English, Français,** and **Español**.
  - **MTS / SAP**—Select the default language stream when watching analog or digital TV channels. See "Selecting the audio language" on page 15.

***Note**: You can also choose the audio mode with the remote control. Press **AUDIO** repeatedly to cycle through the preset EQ modes. A popup screen indicates the current EQ mode.*



*When you adjust the treble, bass, and balance settings in the Audio menu, the audio mode is automatically set to **Custom**.*

4 Press **MENU** to close the on-screen menu.

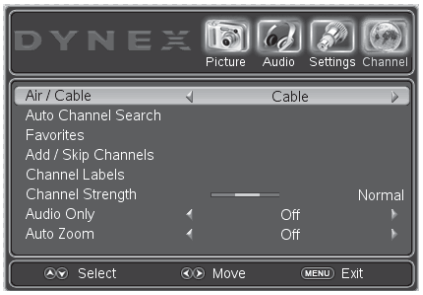
Playing TV audio only

You can turn off the picture on your TV/DVD combo and only listen to the program audio.

To play TV audio only:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Channel**. The *Channel* menu opens.



3 Press ▲ or ▼ to highlight **Audio Only,** then press ◄ or ► to select **On**.

4 Press **MENU** to close the on-screen menu.

***Notes**:*

- *After **Audio Only** is set to **On**, the TV picture will disappear 10 seconds after the on-screen menu is closed.*
- ***Audio Only** works only when the input source is TV and your TV/DVD combo is receiving a broadcast signal.*
- *To exit **Audio Only** mode, press any button except the power button. When you exit **Audio Only** mode, the **Audio Only** option is automatically reset to **Off**.*

Changing channel settings

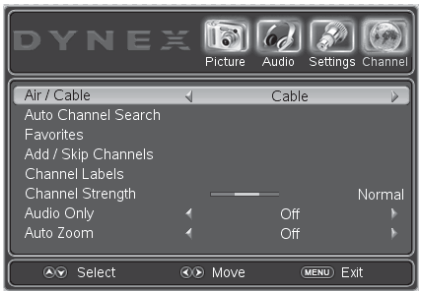
Automatically searching for TV channels

Before you can watch TV channels in your area, you need to let the TV/DVD combo scan for available TV channels and store them in the TV channel list. You do not need to scan for channels unless the available channels changed after you ran the Setup Wizard. For more information, see "Turning on your TV/DVD combo for the first time" on page 11.

To scan for channels:

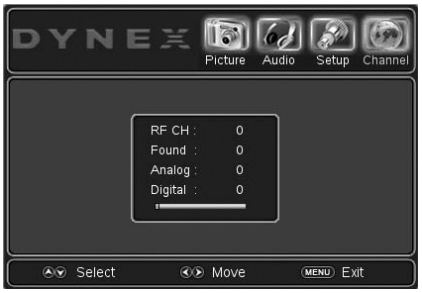
1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2. Press ◄ or ► to highlight **Channel**. The *Channel* menu opens.



3. Press ▲ or ▼ to highlight **Air / Cable**, then press ◄ or ► to change the setting to:
   - **Air**—VHF and UHF channels
   - **Cable**—Cable TV channels (no cable box).
   - **Cable / Satellite Box**—Cable or satellite TV tuner box. Channel auto search is not necessary if you select this option.
4. Press ▲ or ▼ to highlight **Auto Channel Search**, then press **ENTER**. A confirmation box opens.

5. Press ◄ or ► to select **Yes**, then press **ENTER** to automatically start the scan. A progress box shows the progress of the scan.



Auto Scan may take a while to complete. A progress report is displayed while your TV/DVD combo is scanning for available channels. After the digital channel scan is complete, you can continue to search for analog channels without pressing any buttons, or you can press **EXIT** to exit if you do not need the analog channel scan. You can press **MENU** or **EXIT** at any time to stop Auto Scan prior to completion, but you will need to run it later to complete the process.

Auto Scan creates a list of available/receivable channels for the selected signal input.

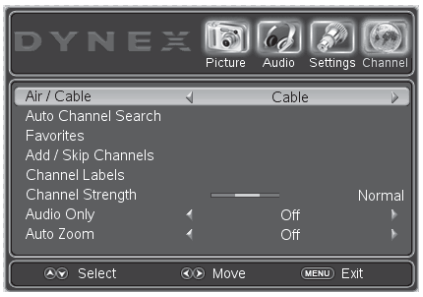
Hiding channels

You can delete channels from the channel list so that your TV/DVD combo skips the channels when you press **CH▲/CH▼**. You can still tune to the hidden channel by using the number buttons.

To hide a channel:

1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2. Press ◄ or ► to highlight **Channel**. The *Channel* menu opens.



3 Press ▲ or ▼ to highlight **Add/Skip Channels**, then press **ENTER**. The *Add / Skip Channels* submenu opens.

4 Press ▲ or ▼ to highlight the channel you want to hide (the default is to show the channel), then press ◄ or ► to change the setting.

If a channel has a check mark next to it, it is not hidden and can be accessed by using the **CH▲/CH▼** buttons. If there is no check mark, the channel is hidden.

5 Press **MENU** to close the on-screen menu.

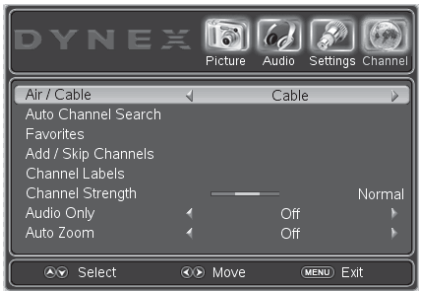
Setting up a favorite channel list

You can create a favorite channel list to make it easier to tune to your favorite channels.

To set up a favorite channel list:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Channel**. The *Channel* menu opens.



3 Press ▲ or ▼ to highlight **Favorites**, then press **ENTER**. The *Favorites list* submenu opens.

4 Press ▲ or ▼ to highlight the channel you want to include on your Favorites list, then press ◄ or ► to change the setting. If the channel has a check mark next to it, it is marked as a favorite.

5 Press **MENU** to close the on-screen menu.

Viewing a favorite channel

To view a favorite channel:

1 In TV mode, press **FAV.** The favorite channel list opens.

2 Press ▲ or ▼ to select a channel, then press **ENTER** to tune to that channel.

Note: *If the list has more than one page, press ▲ or ▼ to scroll through the pages.*

3 Press **FAV** to close the list.

Note: *If you have added a label to a channel, the label appears next to the channel number on the Favorite list. For information on labeling channels, see the next section.*

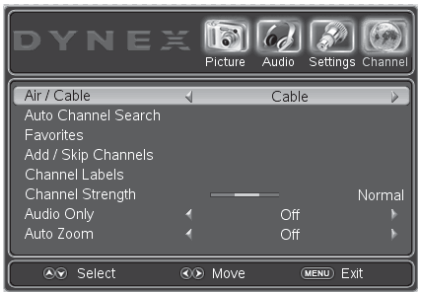
Adding or changing a channel label

If a channel is not already labeled, you can label it to make it easier to identify. You can also relabel a channel that is already labeled.

To label a channel:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Channel**. The *Channel* menu opens.



3 Press ▲ or ▼ to highlight **Channel Labels**, then press **ENTER**. The *Channel Label* submenu opens.

4 Press ▲ or ▼ to select the channel number you want to label, then press **ENTER** or ►. The on-screen keyboard opens.

DYNEX
Picture Audio Settings Channel
CH 1-0
Test 0
Test 0
A B C D E F G H I J K L M N O P
Q R S T U V W X Y Z - ← Caps Lock
0 1 2 3 4 5 6 7 8 9 Space Enter
Select Move Exit

5 Press ▲, ▼, ◄, or ► to highlight a character, then press **ENTER** to add the character to the label. Repeat this step to add more characters.

To toggle the letter case from small to capital letters, highlight **Caps Lock**, then press **ENTER**.

To delete a character, highlight the backspace symbol (the reverse arrow), then press **ENTER**.

6 When the label you want has been entered, highlight **Enter**, then press **ENTER**.

7 Press **MENU** to close the on-screen menu.

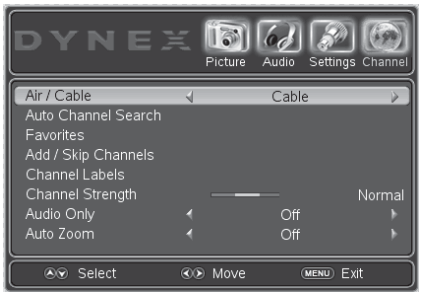
Checking the digital TV signal strength

You can check the digital TV signal strength to determine if you need to adjust your antenna or digital cable input. The higher the signal strength, the less likely you are to experience picture degradation.

To check the digital TV signal strength:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Channel**. The *Channel* menu opens.



3 The digital TV signal strength is indicated by the color bar beside the **Channel Strength** menu item:

4 Press **MENU** to close the on-screen menu.

Setting parental controls

Parental controls let you prevent your children from watching inappropriate material on TV. When set, parental controls read the rating of the program (with some exceptions, such as news and sports) and deny access to programs that exceed the ratings level you select. To watch programs that exceed the selected rating, you must enter a password.

Setting or changing the password

When you enter the *Parental Controls* menu for the first time, the password is not required so that you can specify your own password. We suggest that you specify your own password as soon as possible.

To set or change the password:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Parental Controls**, then press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons to input your four-digit password, then press **ENTER**. The *Parental Controls* submenu opens.

***Note**: The default password is 0000, and the superpassword is 9999.*

5 To change the password, press ▲ or ▼ to highlight **Change Password**, then press **ENTER**. The *Change Password* submenu opens.

6 Press the number buttons to input the old password, then input a new password.

7 Enter the new password again to confirm it. The *Parental Controls* submenu opens.

8 Press **MENU** to close the on-screen menu.

Setting parental control levels

You can set parental controls for the U.S. and Canada. The following procedure shows how to set controls for U.S. TV ratings. You use similar steps for controlling U.S. movie and Canadian TV ratings.

Parental control settings are only applicable to programs that have a rating signal. If you prefer to block programs that have no rating signal, go to the next section on "Blocking unrated TV".

To set parental controls:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Parental Controls**, then press **ENTER**. The *Enter Password* screen opens.

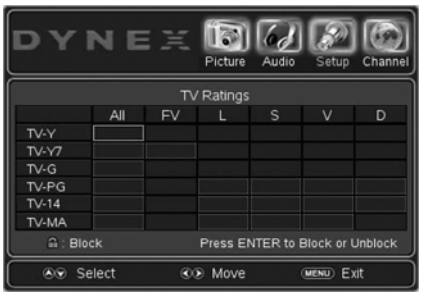
4 Press the number buttons to input your four-digit password, then press **ENTER**. The *Parental Controls* submenu opens.

***Note**: The default password is 0000, and the superpassword is 9999.*

5 Press ▲ or ▼ to highlight **USA Parental Locks**, or **Canadian Parental Locks**, then press **ENTER**. The *Program type* screen opens.

***Note**: If you select **Canadian Parental Controls**, the language preference screen opens.*

6 Press ▲ or ▼ to highlight **TV** (for TV programs), or **MPAA** (for movies), then press **ENTER**. The *Ratings* screen opens.



7 For TV ratings, press ▲, ▼, ◄, or ► to highlight the rating you want to block, then press **ENTER**. A lock icon appears next to the rating.

-OR-

On the *MPAA RATING* screen, press ▲ or ▼ to select the rating to block. When a rating is blocked, that rating and all other higher ratings are blocked.

8 Press **MENU** to close the on-screen menu.

Ratings

U.S. movie (MPAA) ratings	
G	General audiences.
PG	Parental guidance suggested.
PG-13	Suitable for children 13 and older.
R	Parental guidance suggested for children under 17.
NC-17	Not suitable for children under 17.
X	Adults only.

Canadian English ratings	
E	Not rated.
C	Suitable for all children.
C8+	Suitable for children 8 and older.
G	General audiences.
PG	Parental guidance suggested.
14+	Suitable for children 14 and older.
18+	Adults only.

Canadian French ratings	
G	General audiences.
8 Ans+	Suitable for children 8 and older.
13 Ans+	Suitable for children 13 and older.
16 Ans+	Suitable for children 16 and older.
18 Ans+	Adults only.

U.S. TV ratings (age-based)	
TV-Y	All children.
TV-Y7	Suitable for children 7 and older.
TV-G	General audiences.
TV-PG	Parental guidance suggested.
TV-14	Parental guidance strongly suggested.
TV-MA	Mature audiences only.

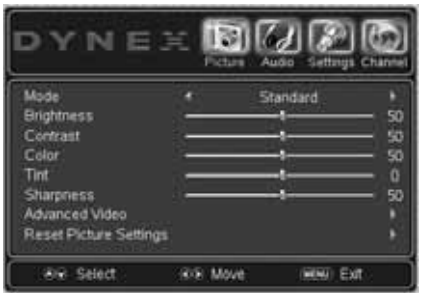
U. S. TV ratings (content-based)	
ALL	All content based ratings.
FV	Fantasy violence.
V	Violence.
S	Sexual situations.
L	Strong language.
D	Suggestive dialog.

Blocking unrated TV

Not all TV programs have a rating signal. If you prefer, you can block all unrated programs from displaying on your TV/DVD combo.

To block unrated TV:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Parental Controls**, then press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons to input your four-digit password, then press **ENTER**. The *Parental Controls* submenu opens.

***Note**: The default password is 0000, and the superpassword is 9999.*

5 Press ▲ or ▼ to highlight **Block Unrated TV**, then press ◄ or ► to select **ON**.

6 Press **MENU** to close the on-screen menu.

Viewing blocked content

You can temporarily cancel the parental control restriction you have placed on your TV/DVD combo.

To view blocked content:

1 Tune it to the blocked program you wish to access.

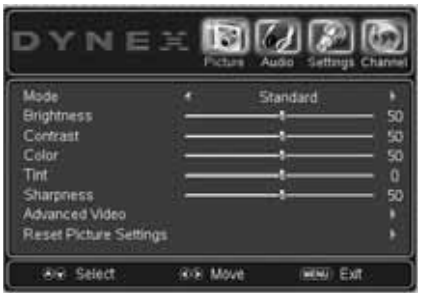
2 On the warning message indicating the blocked content, use the number buttons to key in your password.

The content restriction will be temporarily disabled. When the TV/DVD combo is turned off, when the channel is changed, or when the input source is switched to another, the content restriction will be reactivated.

Downloading rating information

To download rating information:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Parental Controls**, then press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons to input your four-digit password, then press **ENTER**. The *Parental Controls* submenu opens.

***Note**: The default password is 0000, and the superpassword is 9999.*

5 Press ▲ or ▼ to highlight **RRT5 Setting**, then press **ENTER**. The *RRT Setting* screen opens.

6 Press ▲ or ▼ to highlight a rating type, then press **ENTER**. The setting screen for that rating type opens.

7 Press ▲ or ▼ to highlight a rating, then press **ENTER** to enable or disable it. (A lock icon indicates that it is disabled).

8 Press **MENU** to close the on-screen menu.

Locking control buttons

You can lock the TV control panel on the right side of your TV/DVD combo.

To lock the TV control panel:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Parental Controls**, then press **ENTER**. The *Enter Password* screen opens.

4 Press the number buttons to input your four-digit password, then press **ENTER**. The *Parental Controls* submenu opens.

***Note**: The default password is 0000, and the superpassword is 9999.*

5 Press ▲ or ▼ to highlight **Button Lock**, then press ◄ or ► to select **On**.

6 Press **MENU** to close the on-screen menu.

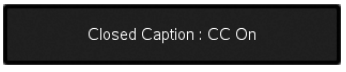
Using closed captioning

Closed captions (CC or subtitles) are intended to provide people who are hearing impaired access to TV programs. However, this feature is also useful for viewers who are learning a new language, beginning to read, or in a noisy environment. As the picture is shown, text captions are displayed that transcribe speech and often other relevant sounds. Closed caption availability and content depends on the broadcaster and may vary across programs in that channel.

Turning closed captioning on or off

To turn closed captioning on or off with the remote control:

- Press the **CCD** button on the remote control repeatedly to select the CC Mode you want. You can select:
  - **CC On**—Turns on closed captioning
  - **CC On Mute**—Turns on closed captioning when the sound is muted.
  - **CC Off**—Turns off closed captioning.



To turn closed captioning on or off with the on-screen menus:

1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2. Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

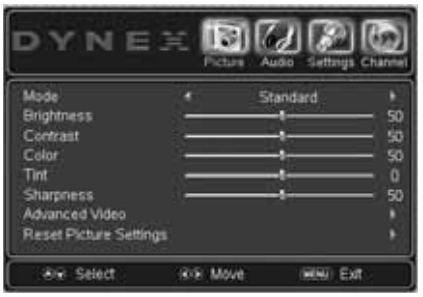
3. Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Closed Caption* screen opens.

4. Press ▲ or ▼ to highlight **Caption Control**, then press ◄ or ► to select the CC Mode. You can select:
   - **CC On**—Turns on closed captioning
   - **CC On Mute**—Turns on closed captioning when the sound is muted.
   - **CC Off**—Turns off closed captioning.
5. Press **MENU** to close the on-screen menu.

Selecting the closed captioning mode

To select the closed captioning mode:

1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



2. Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3. Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Closed Caption* screen opens.

4. Press ▲ or ▼ to highlight **Analog Caption** or **Digital Caption**, then press ◄ or ► to select the setting you want.
5. Press **MENU** to close the on-screen menu.

Customizing digital TV closed captioning styles

To customize digital TV closed captioning styles:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Closed Caption**, then press **ENTER**. The *Closed Caption* screen opens.

4 Press ▲ or ▼ to highlight **Digital CC Settings**, then press **ENTER**.

5 Press ▲ or ▼ to highlight **Style**, then press ◄ or ► to select **Custom**.

6 Press ▲ or ▼ to highlight a style, then press ◄ or ► to adjust the style. You can select:

- **Size**—Selects the font size
- **Font**—Selects the font style
- **Text Color**—Selects the color for the words
- **Text Opacity**—Selects the opacity level for the words
- **Background Color**—Selects the color for the background
- **Background Opacity**—Selects the opacity level for the background
- **Edge Effect**—Selects the edge style
- **Edge Color**—Select the font edge color

***Notes**:*

*If you select **Automatic** in the Style field, the rest of the display aspects are no longer configurable.*

You cannot have the same option in the Text Color and Background Color fields.

7 Press **MENU** to close the on-screen menu.

Adjusting time settings

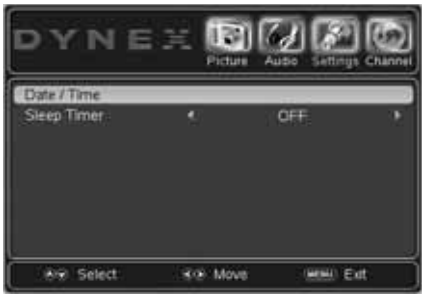
***Note**: If you select **Auto** in the Mode field, the clock setting is automatically synced to a digital signal that broadcasts time information and the rest of the clock settings are no longer configurable.*

To manually adjust the time settings:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Time**, then press **ENTER**. The *Time* submenu opens.



4 Press ▲ or ▼ to highlight **Date/Time**, then press **ENTER**. The *Date/Time* submenu opens.

5 Press ▲ or ▼ to select **Time Zone**, then press ◄ or ► to change the setting to the one for your area.

6 If daylight savings time is used in your area, press ▲ or ▼ to select **Daylight Savings,** then press ◄ or ► to change the setting to **On**.

7 Press ▲ or ▼ to select **Mode**, then press ◄ or ► to change the setting to **Custom**.

8 Press ▲ or ▼ to select the **Year, Month, Day,** and **Time** fields, then press **ENTER**.

9 Press ◄ or ► to change the setting of each field.

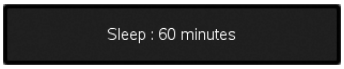
10 Press **MENU** to close the on-screen menu.

Setting the sleep timer

Use the *Sleep Timer* submenu to specify the length of time before the TV/DVD combo automatically turns off.

To set the sleep timer with the remote control:

- Press the **SLEEP** button until the setting you want is displayed.



To set the sleep timer with the on-screen menus:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Time**, then press **ENTER**. The *Time* submenu opens.

4 Press ▲ or ▼ to highlight **Sleep Timer**, then press ◄ or ► to select the setting you want.

***Note**: To turn off the Sleep Timer, select **Off**.*

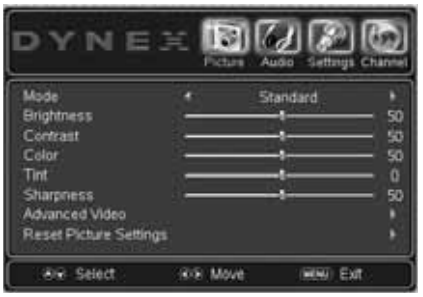
5 Press **MENU** to close the on-screen menu.

Adjusting menu settings

Selecting the menu language and transparency

To select the on-screen menu language and transparency:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Menu Settings**, then press **ENTER**. The *Menu Settings* submenu opens.

4 Press ▲ or ▼ to highlight **Language**, then press ◄ or ► to select the setting you want. You can select **English**, **Français**, or **Español**.

5 Press ▲ or ▼ to highlight **Transparency**, then press ◄ or ► to adjust the transparency level.

Adjusting it to the left makes the on-screen menu display more transparent, adjusting it to right makes it more opaque.

6 Press **MENU** to close the on-screen menu.

Labeling an input source

You can add a label to an input source to make it easier to identify. These labels are displayed on the *Source List* screen and on the *Information* popup.

An input label can have up to 11 characters. You can use letters, numbers, and the dash (-).

To label an input source:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Input Labels**, then press **ENTER**. The *Input Labels* submenu opens.

4 Press ▲ or ▼ to select the input you want to assign a label to, then press **ENTER** or ► to open the on-screen keyboard.

DYNEX
Picture Audio Settings Photo
A/V
TEST
TEST
A B C D E F G H I J K L M N O P
Q R S T U V W X Y Z - ← Caps Lock
0 1 2 3 4 5 6 7 8 9 Space Enter
Select Move Exit

5 Press ▲, ▼, ◄, or ► to highlight a character, then press **ENTER** to key it in. Repeat to enter additional characters.

To toggle the letter case from lower case to capital letters, highlight **Caps Lock**, then press **ENTER**.

To delete a character, highlight the backspace symbol (the backward arrow), then press **ENTER**.

6 After the label you want has been entered, highlight **Enter**, the press **ENTER**.

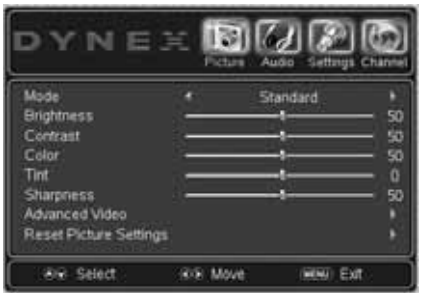
7 Press **MENU** to close the on-screen menu.

Restoring default settings

***Caution**: When you restore default settings, all the settings (except the password and parental rating) you have customized are reset.*

To restore default settings:

1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



2 Press ◄ or ► to highlight **Settings**, then press ▼. The *Settings* menu opens.

3 Press ▲ or ▼ to highlight **Reset to Default**, then press **ENTER**. The *Reset to Default* submenu opens.

4 Press ◄ or ► to highlight **Yes**, then press **ENTER**.

5 Press **MENU** to close the on-screen menu.

Using the DVD player

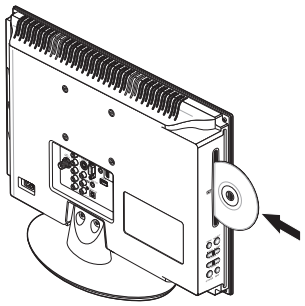
Your TV/DVD combo's built-in DVD player plays DVDs with the 1 or 2 playable region number marks. DVDs with other region markings are not playable. See page 32 for a list of compatible disc formats.

***Warning**: Keep your fingers clear of the disc slot when loading or unloading a disc. Neglecting to do so may cause serious personal injury.*

To start disc playback:

1 Press ⏻ (Power) to turn on the TV/DVD combo.
The power LED indicator on the front panel lights blue.

2 Insert a DVD into the disc slot with the label facing forward. The DVD player reads the DVD and displays the opening menu.



The TV/DVD combo will automatically switch to DVD mode. The "Loading" message appears for a few seconds.

If you loaded an Audio CD, the file browser screen appears and music playback will automatically start. If you loaded a video CD or DVD and that disc has a root menu, this root menu will be displayed. Press ▲, ▼, ◄, or ► to navigate the menu options. If there is no root menu, video playback automatically starts.

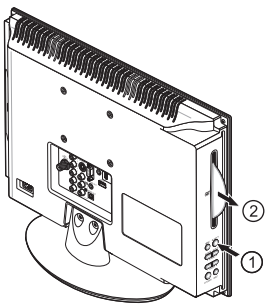
Playback controls

- Press **VOL +/–** to adjust playback volume.
- Press ►❙❙ (Play / Pause) to temporarily suspend disc playback (still mode). Press it again to continue playback.
- Playback navigation controls
  - Press ⏮ (Skip reverse) to play the previous title or track.
  - Press ◄◄ (Fast reverse) to play in fast reverse direction.
  - Press ►► (Fast forward) to play in fast forward direction.
  - Press ⏭ (Skip forward) to play the next title or track.
- Press **SUBTITLE** repeatedly to select a subtitle option. Available options will depend on the subtile index encoded on the disc.
- The unit supports playback resume function. If you stopped the disc playback before it is completed, the unit records the stop point. Press ►❙❙ (Play/Pause) to resume playback on the previous stop point. If you press ■ (Stop) twice in quick succession or unload the disc, the unit will clear the stop point.
- Press ■ (Stop) to stop playback.

To remove the disc:

1 Press ⏏ (Eject) to unload the disc.

2 Wait for the disc to be ejected then remove the disc from the slot.



To change DVD settings:

1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2. Press ◄ or ► to highlight **DVD**, then press ▼. The *DVD* menu opens.
3. Press ▲ or ▼ to highlight an option, then press ◄ or ► to select the setting you want. Options include:
   - **Down Mix**—Sets the Downmix mode. Settings include LT/RT or Stereo modes
   - **Repeat**— Sets the REPEAT mode. Settings include Chapter, Title, All, Off modes
   - **Subtitle**—Sets the Subtitle language. Available settings depend on DVD content.
   - **Audio Select**—Sets the Audio track. Available settings depend on the DVD cisc content.
   - **Reset DVD**—Resets DVD settings to factory default.
4. Press **MENU** to close the on-screen menu.

Viewing photos

Your Dynex TV/DVD combo has a photo browser function that allows you to view photos saved to a USB flash drive. Pictures can be viewed in thumbnail mode for easy browsing or you can view them in a slide show.

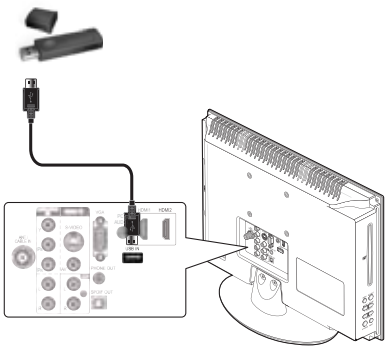
Notes:

- *Never remove the USB device or turn off your TV/DVD combo while viewing JPEG pictures.*
- *We recommend that you back up the data on your USB device.*
- *The JPEG picture viewer only supports JPEG format images (with ".jpg" file extensions) and not all JPEG files are compatible with the TV/DVD combo. For example progressive JPEG files are not compatible.*
- *Unless otherwise noted, all tasks in this section are based on using the remote control.*

To view photos:

1. Connect the USB flash drive containing the pictures you want to view to the USB port on the TV/DVD combo rear panel.

   ***Note**: This TV/DVD combo does not support external hard drives.*



2. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

3. Press ◄ or ► to highlight **Photo**, then press ▼. The *Photo* menu opens.

4. Press ▲ or ▼ to highlight **Browse Photo** (thumbnail mode), or **Slide Show** (slide show mode) then press **ENTER**.

Viewing photos in thumbnail mode

To view photos in thumbnail mode:

1. If you selected **Thumbnail** as the viewing mode, the *Thumbnail* screen opens.

2. Press ▲, ▼, ◄, or ► to browse the picture selection. The information bar shows the file name, file size, resolution, and modification date of the currently selected photo.
3. Press the browse up icon , then press **ENTER** to go up one level in the photo directory.
4. When you select a picture, press **ENTER** to show the picture full screen or press **FAV** to mark the picture as a favorite (with the favorite icon ( ).
5. While a picture is showing on the full screen, you can:
   - Press **ZOOM** to zoom in on the picture,.
   - Press **ROTATE** to adjust the viewing angle.
6. Press **Menu** to return to the thumbnail list.

Cautions:

- *When a picture is displayed on the screen, the control bar will display on the bottom. If the control bar disappears, press **ENTER** to display the control bar. The control bar will not appear during a slide show.*
- *The JPEG menu displays preview pictures at low resolution. This is not a malfunction. To view pictures at their full resolution your should view them full screen*
- *Back up all of the data in the USB storage device in case the data is lost due to unexpected accident. We do not assume any liability for the losses by misuse or malfunction.*
- *Not all USB storage devices are compatible with this TV/DVD combo.*
- *The JPEG menu only displays files with the .jpg file extension.*

Viewing your favorite photos

To view your favorite photos:

1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2. Press ◄ or ► to highlight **Photo**, then press ▼. The *Photo* menu opens.

3. Press ▲ or ▼ to highlight **Favorite Photo**, then press **ENTER**. A thumbnail screen opens showing your favorite photos.
4. Press ▲, ▼, ◄, or ► to browse the picture selection.

Viewing photos in a slide show

To view photos in a slide show:

1. If you selected **Slideshow** as the viewing mode, the slideshow automatically begins.
2. To navigate during a slideshow, you can:
   - Press **ENTER** to pause the slideshow. Press it again to continue.
   - Press ◄ to view the previous photo in the sequence.
   - Press ► to view the next photo in the sequence.
   - Press **DVD MENU** to stop the slideshow.

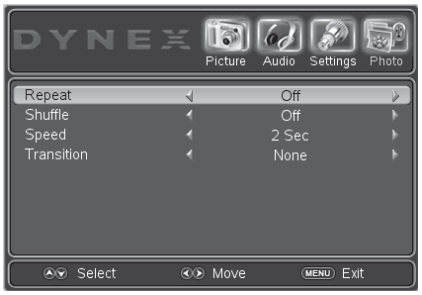
Customizing the slideshow settings

To customize the slideshow settings:

1. Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.

2. Press ◄ or ► to highlight **Photo**, then press **ENTER**. The *Photo* menu opens.

3 Press ▲ or ▼ to highlight **Settings**, then press ▼. The *Settings* menu opens.



4 Press ▲ or ▼ to select an option, then press ◄ or ► to select the option you prefer.

5 Press **MENU** to close the on-screen menu.

Maintenance

Cleaning

- Before cleaning the screen, unplug your TV/DVD combo from the power outlet.
- Clean your TV/DVD combo with a soft, dry cloth. If surfaces are extremely dirty, use a soft cloth dampened with a weak detergent solution.
- Use an eyeglass cleaner to clean the screen. Never use alcohol, paint thinner, or benzine.
- Before using a chemically treated cloth, read the instructions that came with the cloth.
- Do not spray insecticide liquid near your TV/DVD combo. Such chemicals may cause damage and discoloration to the exposed surfaces.

Care and handling of discs

Handling discs

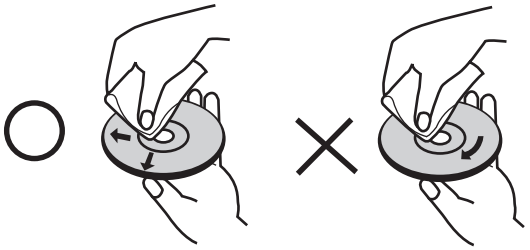
Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints do not get on the surface. Never stick paper or tape on the disc.

Storing discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat and never leave it in a parked car exposed to direct sunlight.

Cleaning discs

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.



Do not use strong solvents such as alcohol, benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

***Note**: Never operate your TV/DVD combo immediately after moving it from a cold location to a warm location. Leave it for two or three hours without operating it. If you use your TV/DVD combo in such a situation, it may damage discs or internal parts.*

Servicing

Do not try to repair your TV/DVD combo yourself. There are no user-serviceable parts inside. Turn off your TV/DVD combo, unplug the power cord, then contact an authorized service center.

Troubleshooting

***Warning:** Do not try to repair your TV/DVD combo yourself. Contact authorized service personnel.*

Video and audio

Problem	Solution
No picture or sound (the screen is not lit)	• Make sure that the power cord is plugged into a power outlet. • Press ⏻ (power) on your TV/DVD combo or the remote control. • Try another channel. The problem could be with the TV station. • Press **INPUT** to change inputs.
Dark, poor, or no picture (the screen is lit), but sound is good	• Adjust the brightness. For more information, see “Adjusting the picture” on page 14. • Make sure that the antenna or cable TV is connected correctly. For more information, see “Connecting an antenna, cable TV, or satellite TV box” on page 9.
No color, picture is dark, or color is not correct	• Adjust the color saturation. For more information, see “Adjusting the picture” on page 14.
Only noise (snow) appears on the screen	• Make sure that the antenna or cable TV is connected correctly. For more information, see “Connecting an antenna, cable TV, or satellite TV box” on page 9. • Try another channel. The problem could be with the TV station.
Picture has dotted lines or stripes	• Adjust the antenna. • Move your TV/DVD combo away from noise sources, such as cars, neon signs, or hair dryers.
Picture has double images	• Use a highly directional outdoor antenna or change to cable or satellite TV.

Problem	Solution
Picture has a few bright or dark dots	• A few bright or dark dots on an LCD screen is normal. It does not affect the operation of this TV/DVD combo.
Good picture, no sound	• Increase the volume. • Press **MUTE** to make sure that the sound is not muted. • Make sure that the audio mode is set to **Stereo** or **Mono**. For more information, see "Adjusting the sound" on page 15.
Audio noise or static	• Move radio frequency communication equipment, such as a cordless phone, away from your TV/DVD combo.

Remote control

Problem	Solution
Remote control does not work	• Replace the batteries. For more information, see "Installing remote control batteries" on page 7. • Make sure that the batteries are inserted correctly. For more information, see "Installing remote control batteries" on page 7. • Make sure that the power cord is plugged into an AC power outlet.
Trouble programming your existing universal remote control.	• See instructions and a table of common codes in "Programming a universal remote control" on page 8. • Codes are subject to change. For up to date codes, go to www.dynexproducts.com. • Replace the batteries. For more information, see "Installing remote control batteries" on page 7. • Refer to the User Guide that accompanied your universal remote control and contact the manufacturer if problems persist.

General

Problem	Solution
Cannot tune to one or more channels	• The program you want to watch may be blocked through the parental controls. For more information, see "Setting parental control levels" on page 20. • The channel may have been deleted from the channel list. You can tune to the channel by pressing the number buttons or you can add the channel back to the channel list. For more information, see "Changing channel settings" on page 17.
Cannot access some items	• If a setting or option is grayed out, it is not available in the current input mode.
Password is lost	• On the *Parental Controls* menu, enter **9999** for the password, then set a new password. For more information, see "Setting parental controls" on page 19.
TV/DVD combo cabinet creaks	• When you are using your TV/DVD combo, the temperature inside the cabinet increases. This causes the cabinet to expand or contract, which produces the creaking noise. This is not a malfunction.
Buttons do not work	• Unplug the power cord for a few seconds, then plug it back in and turn on your TV/DVD combo.

***Note**: If the problem is not solved by using these troubleshooting instructions, turn off your TV/DVD combo, then turn it on again.*

Specifications

Design and specifications are subject to change without notice. Dimensions and weight are approximate.

Models	DX-19LD150A11 DX-22LD150A11	
LCD	DX-19LD150A11	
	Panel	19-inch active matrix full high definition TFT
	Resolution	1366 x 768
	Color	6 bit with FRC/ 16.7 M
	Viewing angle	170° horizontal - 160° vertical
	Contrast ratio	1000:1
	Brightness (typical)	250 nits
	Response time	5.0 ms
	DX-22LD150A11	
	Panel	22-inch active matrix full high definition TFT
	Resolution	1366 x 768
	Color	6 bit with FRC/ 16.7 M
	Viewing angle	170° horizontal - 160° vertical
	Contrast ratio	800:1
	Brightness (typical)	400 nits
	Response time	5.0 ms
Physical specifications	DX-19LD150A11	Dimensions (W × D × H) With stand: 18.5 × 7.19 × 14.37 in (470 × 182.5 × 365 mm) Without stand: 18.5 × 2.87 × 12.74 in (470 × 73 × 323.5 mm) Weight With stand: 9.48 lb (4.3 kg) Without stand: 8.82 lb (4.0 kg)
	DX-22LD150A11	Dimensions (W × D × H) With stand: 21.18× 7.24 × 15.63 in (538 × 184 × 397 mm) Without stand: 21.18 × 2.3 × 14.53 in (538 × 71 × 369 mm) Weight With stand: 10.8 lb (4.9 kg) Without stand: 10.14 lb (4.6 kg)
TV	Standard	NTSC and ATSC
	Tuning system	Electronic tuning system
	Frequency range	VHF and UHF
	CATV	135 channel, QAM channels
	Compatibility	480i, 480p, 720p, 1080i
DVD player	Disc compatibility	12 cm Digital Audio CD CD-R CD-RW 12 cm DVD-Video DVD-R DVD-RW DVD+R DVD+RW DVD-R DL Dual Layer DVD-RW Dual Layer DVD+R Dual Layer DVD+RW Dual Layer

USB	Compliance	USB 2.0
	Device compatibility	USB flash drive
Power	**Input voltage**	19-inch - 120 VAC, 0.6 A 22-inch - 120 VAC, 0.88A
	Consumption	19-inch - <32.4 W 22-inch - <42.2 W Off - <1 W
Speaker output	3 W (two channels)	
Terminals	Standard AV	Video, audio L/R
	S-Video	S-Video, audio L/R
	Component	Y, Pb, Pr, audio L/R
	HDMI 1 and 2	HDMI IN
	VGA and VGA/DVI AUDIO IN	VGA and audio input
	Phone jack	Audio out (headphone)
	Digital audio	SPDIF output
	Antenna	F type
Image processor	Broadcom Xilleon™ X143	
Operating conditions	Temperature	15 to +40°C (humidity <75%)
	Humidity	10 to 90% non-condensing (Ta <35%)
	Atmospheric pressure	0 to 2000 m

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

DHHS and FDA safety certification

This product is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

RSS 310 statement

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.
Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7

Notices

Specifications and features are subject to change without notice or obligation.
For service and support call (800) 305-2204.

HDMI

HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LCC.

This product contains software that is subject to the GNU Public License Version 2 (GPL2). You can obtain a copy of the GPL License from http://www.gnu.org/licenses/old-licenses/gpl-2.0.html.
If you require additional information or you wish to receive source code, please call the Dynex support line at 1-800-305-2204. The source code is available for a period of three (3) years from the date of the distribution of this product by Dynex.

One-year limited warranty

US and Canada Markets

Definitions:

Dynex Products ("Dynex") warrants to you, the original purchaser of this new Dynex-branded television (“Product”), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product (“Warranty Period”). For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy or Future Shop authorized dealer of Dynex brand products only that are packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Dynex repair center or store personnel, Dynex will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Dynex and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Dynex Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy or Future Shop retail store location and your television Product has a screen size of less than 37 inches, please take your original receipt and the Product to any Best Buy or Future Shop store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy or Future Shop online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.
To obtain in-home warranty service for a television with a screen 37 inches or larger, in the United States call 1-888-BESTBUY, Canada call 1-866-BESTBUY for Future Shop call 1-800-663-2275. Call agents will diagnose and correct the issue over the phone or will have a Dynex-approved repair technician dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States and Canada at Best Buy or Future Shop branded retail stores or websites.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as power surges
- Accident(s)
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Dynex to service the Product
- Products sold “as is” or “with all faults”
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product

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Contact Dynex:
For customer service please call 1-800-305-2204
www.Dynexproducts.com
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Mexico Market

{RETAILER SEAL}

PLACE STICKER OF PRODUCT MAKE & MODEL HERE

DATE OF PURCHASE:_____

Definitions:

Dynex Products (“Dynex”) warrants to you, the original purchaser of this new Dynex-branded television (“Product”), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product (“Warranty Period”). For this warranty to apply, your Product must be purchased in Mexico from a Best Buy authorized dealer of Dynex brand products only that are packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Dynex repair center or store personnel, Dynex will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Dynex and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Dynex Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy retail store location and your television Product has a screen size of less than 37 inches, please take your original receipt and the Product to any Best Buy store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.
To obtain in-home warranty service for a television with a screen 37 inches or larger, in Mexico call 01 800-433-5778. Call agents will diagnose and correct the issue over the phone or will have a Dynex-approved repair technician dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in Mexico at a Best Buy branded retail stores or website.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as power surges
- Accident(s)
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Dynex to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product

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Contact Dynex:
For service, please call 01 800-926-3020
www.dynexproducts.com
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DYNEX™

If the power cord has been damaged, it should be replaced by the manufacturer, your service provider or qualified personnel to avoid risks.

Si el cordón de alimentación es dañado, este debe ser remplazado por el fabricante o su agente de servicio o por personal calificado para evitar el riesgo.

www.dynexproducts.com
US and Canada Market - (800) 305-2204
Mexico Market - 01 800-926-3020

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RFC#BBI0802114Q2

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ENGLISH

Se incluye el manual. Favor de leer este manual antes de usar el producto.

Para el Soporte técnico de Dynex en México,

favor llame al:01 800-926-3020 http://www.dynexproducts.com